

## USOE Suggested Grade 4 Pacing Guide

| Standard<br>Biggest Idea                 | Objective<br>Big Idea | 1<br>(week 1-3)  | 2<br>(week 4-6) | 3<br>(week 7-9)  | 4<br>(week 10-12)                              | 5<br>(week 13-15)  | 6<br>(week 16-18)   |
|--|-----------------------|--|-----------------|--|--|--|---|
| <b>Standard 1</b><br><b>Number Sense</b> | 1 Demonstrate         | -Read, write, represent whole numbers up to 1,000,000<br><br>-Identify the place and the value of digits |                 | -Read, write, represent, decimals up to one hundredth<br><br>-Identify the place and the value of digits<br><br>-Identify and represent square numbers |  |  | -Name & write fractions<br><br>-Divide regions, lengths, and sets |
|  | 2 Analyze             | -Compare relationships among whole numbers   |                 | -Compare relationships among decimals  |  |  |   |
|  | 3 Model & Illustrate  |  |                 | -Model a one- or two- digit factor by a two-digit factor   |  | -Demonstrate the relationship between multiplication and division<br><br>-Represent a three-digit dividend by a one-digit divisor including remainders |   |
|  | 4 Solve               |  |                 |  | -Write and solve multiplication story problems |  | -Write and solve division story problems                          |
|  | 5 Compute             | <b>-Demonstrate quick recall of basic multiplication &amp; division facts</b>                            |                 |  |  |  |   |
|  |                       |  |                 |  |  | -Multiply up to a three- digit factor by a two-digit factor with   |   |

|  |   |                                |   |  |   |   |  |  |
|--|---|--------------------------------|---|--|---|---|--|--|
|  |   |                                |   |  |   |   | fluency  |  |
| <b>Standard 2</b><br>Algebra                       | 1 | Identify, Analyze, & Determine |   |  | -Recognize, represent, and extend simple patterns |   |  |  |
|  | 2 | Use                            |   |  |   |   | -Recognize & describe the properties of multiplication |  |
| <b>Standard 3</b><br>Geometry                      | 1 | Identify & Describe            |   |  |   |   |  |  |
|  | 2 | Specify                        |   |  |   | -Locate and give coordinates using grids and maps |  |  |
|  | 3 | Visualize & Identify           |   |  |   |   |  |  |
| <b>Standard 4</b><br>Measurement                   | 1 | Describe                       | -Estimate and measure customary units of length, capacity, and weight |  |   |   |  |  |
|  | 2 | Recognize & Describe           |   |  |   |   |  |  |
| <b>Standard 5</b><br>Data Analysis/<br>Probability | 1 | Collect, Organize, & Display   | -Interpret and make predictions using data                            |  |   |   |  |  |

|  |   |                    |  |  |  |  |  |  |
|--|---|--------------------|--|--|--|--|--|--|
|  | 2 | Describe & Predict |  |  |  |  |  |  |
|--|---|--------------------|--|--|--|--|--|--|

Instruction begins within the blocked timeframe and is assumed to be extended throughout the remainder of the school year.

This guide is **not** meant to replace the Core. The intent of the guide is to provide a suggested pacing sequence. Major topics are listed within the guide; however, the Utah State Core Curriculum should be referred to while planning instruction.

| USOE Suggested Grade 4 Pacing Guide |                       |                   |                   |                   |                    |                    |                    |
|-------------------------------------|-----------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| Standard<br>Biggest Idea            | Objective<br>Big Idea | 7<br>(week 19-21) | 8<br>(week 22-24) | 9<br>(week 25-27) | 10<br>(week 28-30) | 11<br>(week 31-33) | 12<br>(week 34-36) |

|                            |   |                    |  |  |  |  |   |  |
|----------------------------|---|--------------------|--|--|--|--|---|--|
| Standard 1<br>Number Sense | 1 | Demonstrate        |  |  |  |  | Review concepts for mastery and differentiation<br>Enrich using exploratory skills and concepts |  |
|                            | 2 | Analyze            | -Generate equivalent fractions in a variety of ways<br><br>-Identify equivalences between fractions and decimals                                     |  |  |  |   |  |
|                            | 3 | Model & Illustrate |  | -Use models to add and subtract simple fractions with like and unlike denominators |  |  |   |  |
|                            | 4 | Solve              | -Write and solve division story problems   |  |  | -Solve & interpret problems involving simple fractions |   |  |
|                            | 5 | Compute            | -Demonstrate quick recall of basic multiplication & division facts   |  |  |  |   |  |
|                            |   |                    | -Multiply up to a three- digit factor by a two-digit factor with fluency<br>-Divide up to a three-digit dividend by a one-digit divisor with fluency |  |  |  |   |  |
|                            |   |                    |  | -Add and subtract decimals and simple fractions                                    |  |  |   |  |

|  |   |                                |   |   |                        |  |
|--|---|--------------------------------|---|---|------------------------|--|
| <b>Standard 2</b><br>Algebra                       | 1 | Identify, Analyze, & Determine |   |   |                        |  |
|  | 2 | Use                            | -Represent, simplify, and solve mathematical equations and inequalities including order of operations |   |                        |  |
| <b>Standard 3</b><br>Geometry                      | 1 | Identify & Describe            |   |   |                        |  |
|  | 2 | Specify                        |   |   |                        |  |
|  | 3 | Visualize & Identify           |   |   | -Apply transformations |  |
| <b>Standard 4</b><br>Measurement                   | 1 | Describe                       |   | -Estimate and measure metric units of length, capacity, and weight  |                        |  |
|  |   |                                |   | -Measure angles   |                        |  |
|  | 2 | Recognize & Describe           |   | -Identify and describe attributes of two-dimensional shapes<br><br>-Develop and use formulas for area<br><br>-Explore perimeter of two-dimensional shapes |                        |  |
| <b>Standard 5</b><br>Data Analysis/<br>Probability | 1 | Collect, Organize, & Display   |   |   |                        |  |
|  | 2 | Describe & Predict             |   |   |                        | -Conduct and describe results of probability experiments |

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